

**Abstract of the Disclosure**

A pulse radar apparatus uses different frequencies, for example, frequencies one of which is a multiple or  
5 a submultiple of the other for a signal which becomes a reference of a control pulse for controlling a gate operation for a reception signal and a signal which becomes a base of generation of a transmission pulse. As a result, even if noise is caused by the gate operation,  
10 its influence can be removed in the processing of reception signals having different frequencies.